

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

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Docket No.

2002JP311

Serial No.

10/519,242

Filing Date

December 22, 2004

Examiner

WU, Ives J.

Group Art Unit

1713

Invention **COMPOSITION FOR ANTIREFLECTIVE COATING AND METHOD FOR FORMING SAME**I hereby certify that this English Language abstract of JP 2002-27660 - 1 Page

(Identify type of correspondence)

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GROUND FAULT DETECTOR FOR LOW-VOLTAGE CIRCUIT

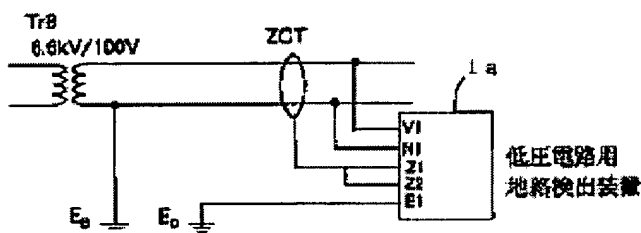
Patent number: JP2002027660
Publication date: 2002-01-25
Inventor: ITO KOICHI
Applicant: TOENEC CORP
Classification:
- **international:** H02H3/347; H02B3/00; H02B7/06; H02H3/33; H02H3/34
- **european:**
Application number: JP20000208900 20000710
Priority number(s): JP20000208900 20000710

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Abstract of JP2002027660

PROBLEM TO BE SOLVED: To provide the ground fault detector for a low-voltage circuit which can surely detect a feeder of a grounded low voltage circuit, when a low voltage circuit connected to a low-voltage side winding of a high/low voltage transformer is grounded.

SOLUTION: In the low-voltage ground fault detector 1a, terminals V1, N1 are connected to the voltage line of a low voltage circuit, terminals Z1, Z2 are connected to a zero-phase current detector ZCT, a terminals E1 is connected to the type-D grounding electrode. When a line-to-ground voltage inputted across the terminals V1 and E1 becomes lower than a prescribed value, the relevant feeder of the low voltage circuit is detected as being grounded, if a phase of zero-phase current detected by a zero-phase current detector ZCT is leading for the phase of zero-phase voltage obtained based on such line-to-ground voltage.



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